### Annual average values of Air Pollutants at Bangalore city during the year 2017-18

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Station</th>
<th>SO₂  µg/m³</th>
<th>NO₂  µg/m³</th>
<th>PM₁₀ µg/m³</th>
<th>PM₂.₅ µg/m³</th>
<th>NH₃ µg/m³</th>
<th>Lead µg/m³</th>
<th>CO mg/m³</th>
<th>AQI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CAAQMS at S.G.Halli</td>
<td>2.2</td>
<td>24.0</td>
<td>50.4</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>0.5</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Urban Ecopark Peenya</td>
<td>2.0</td>
<td>31.9</td>
<td>95.2</td>
<td>44.2</td>
<td>31.0</td>
<td>0.150</td>
<td>*</td>
<td>95</td>
</tr>
<tr>
<td>3</td>
<td>Swan Silk Pvt. Ltd, Peenya</td>
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<td>32.0</td>
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<td>44.8</td>
<td>32.1</td>
<td>0.133</td>
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</tr>
<tr>
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<td>Yeshwanthpura Police Station</td>
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<td>32.7</td>
<td>0.101</td>
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<tr>
<td>5</td>
<td>AMCO Batteries, Mysore Road</td>
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<td>32.7</td>
<td>86.1</td>
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<td>0.202</td>
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<td>UVCE, K.R Circle</td>
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<td>Central Silk Board, Hosur Road</td>
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<td>32.0</td>
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<td>*</td>
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</tbody>
</table>

**Annual average values**

| Standards, µg/m³ | 50 | 40 | 60 | 40 | 100 | 0.500 | 2 |

**Note:** *Monitoring not carried out*
**Brief summary of results:**

1. The measured SO\(_2\), NH\(_3\) and Pb values are well within the national limit (50.0 µg/M\(^3\)) (100.0 µg/M\(^3\)) and (0.5 µg/M\(^3\)) respectively in all measured places.
2. The measured NO\(_2\) values are well within the national limit (40.0 µg/M\(^3\)) in all measured places except city Railway Station.
3. The measured PM\(_{2.5}\) values have exceeded the national limit (40.0µg/M\(^3\)) at 7 locations excluding at 4 stations viz., K R Circle, Banasawadi, NIMHANS and AMCO batteries.
4. The measured PM\(_{10}\) values have exceeded the national limit (60.0µg/M\(^3\)) in 15 locations excluding at one station viz., S.G.Halli.
5. Out 15 location, one location at S.G.Halli AQI is good, 9 locations is satisfactory and 6 location AQI is moderate.
6. The levels of PM\(_{10}/PM_{2.5}\) is attributed to the vehicular emissions/movement, resuspension of road dust and construction activities.
### Annual average values of Air Pollutants in other districts of Karnataka during the year 2017-18

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Location</th>
<th>SO2 µg/M3</th>
<th>NO2 µg/M3</th>
<th>PM 10 µg/M3</th>
<th>PM2.5 µg/M3</th>
<th>NH3 µg/M3</th>
<th>Pb µg/M3</th>
<th>AQI</th>
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<td>RO Bellary</td>
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<td>*</td>
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<td><strong>54.7</strong></td>
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<td>*</td>
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<td>*</td>
<td>9.4</td>
<td>0.040</td>
<td>143</td>
</tr>
</tbody>
</table>

| NAAQ Standards | 50 | 40 | 60 | 40 | 100 | 0.500 |

| Good (0–50) | Minimal Impact | Poor (201–300) | Breathing discomfort to people on prolonged exposure |
| Satisfactory (51–100) | Minor breathing discomfort to sensitive people | Very Poor (301–400) | Respiratory illness to the people on prolonged exposure |
| Moderate (101–200) | Breathing discomfort to the people with lung, | Severe (>401) | Respiratory effects even on healthy people |